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IN THE CLAIMS:

Claim 1-12 (Canceled)

Claim 13 (Currently amended): The process of decrypting documents of claim 29 ~~A method of encrypting a document as set forth in claim 12 wherein the~~ further comprising providing an electronic document management system comprising ~~comprises~~ a SQL database, a SQL database server and a SQL database client, wherein the electronic document management system performs the detecting step. ~~the SQL database client being disposed in the general purpose computer.~~

Claim 14 (Canceled).

Claim 15 (Currently amended): The process of decrypting documents of claim 29 ~~A method of decrypting a document as set forth in claim 14,~~ wherein the second table has ~~there are~~ plural decryption key values and at least one decryption key value is associated with the user, the method further comprising ~~the steps of:~~

the user submitting to an access module for user authentication;

if the access module does not authenticate the user, then determining that the document should not be decrypted ~~always skipping steps (e) and (f);~~

else ~~in step (e),~~ the crypto server ~~module~~ retrieving the decryption key value associated with the key name ~~decryption key name~~ and the user.

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Claim 16 (Currently amended): The process of decrypting documents A method of decrypting a document as set forth in claim 15, the general purpose computer further comprising providing a data reader device for reading user identification and decryption key values from a portable data storage device, the process method further comprising the user presenting the portable data storage device to the data reader device, wherein the access module utilizes information stored in the portable data storage device to authenticate the user, and the decryption key value associated with the user is stored in the portable data storage device.

Claim 17 (Currently amended): The process of decrypting documents A method of decrypting a document as set forth in claim 16, wherein the data reader device comprises a smart card reader and the portable data storage device comprises a smart card.

Claim 18 (Currently amended): The process of decrypting documents A method of encrypting a document as set forth in claim 16, wherein the data reader device comprises a biometric recognition system and the portable data storage device comprises the user identification, wherein the access module utilizes unique information about the user for authentication, and the decryption key value is derived from at least one characteristic of the user.

Claim 19 (Currently amended): The process of decrypting documents of claim 29 A method of encrypting a document as set forth in claim 12 wherein the electronic document management system comprises further comprising

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<u>providing</u> a database, the database including an indicator of whether the <u>documents</u> ~~document~~ should be decrypted, ~~and step (d) further comprises,~~

if the indicator in the database does not indicate that the <u>given</u> document is to be decrypted, <u>determining that the document should not be decrypted.</u> ~~then skipping steps (e) and (f).~~

Claim 20 (Canceled).

Claim 21 (Currently amended): <u>The process of decrypting documents of claim 29</u> ~~A method of decrypting a document as set forth in claim 12~~ <u>performed in a general purpose computer having an operating system,</u> wherein the operating system includes at least a part of ~~the~~ <u>an</u> electronic document management system.

Claim 22 (Currently amended): <u>The process of decrypting documents of claim 29 performed in a general purpose computer comprising</u> ~~A method of decrypting a document as set forth in claim 12 wherein the general purpose computer comprises~~ a workstation, <u>the process further comprising providing</u> ~~and there is further provided~~ a file server, wherein the ~~crypto module comprises a~~ crypto server <u>is disposed</u> on the workstation, ~~, the access module comprises an access server on the file server and an access client on the workstation, and the electronic document management system comprises an EDM database on the file server, an EDM server on the file server, and an EDM client on the workstation.~~

Claims 23-28 (Canceled).

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Claim 29 (New): A process of decrypting documents comprising:

    providing plural documents having respective names

    providing a crypto server for causing documents to be decrypted

    providing a first table having

        the names of encrypted documents

        for each of the names of encrypted documents in the table, a key name associated with a decryption key value for the encrypted document

    detecting an open command for a given document issuing from a user of an application program using a user input device

    in response to the open command, the crypto server using the first table to determine if the given document should be decrypted

    if the given document should be decrypted, then

        retrieving the key name associated with the name of the given document from the first table

        retrieving the decryption key value associated with the key name from a second table, the second table having at least one decryption key value

        causing the given document to be decrypted.

Claim 30 (New): The process of decrypting documents of claim 29 wherein the decryption key value is related to an identity of the user.

Claim 31 (New): The process of decrypting documents of claim 29 further comprising decrypting the

given document with an algorithm selected from the group comprising DES, RSA, Triple-DES,

Blowfish, Triple Blowfish and IDEA.

Claim 32 (New): The process of decrypting documents of claim 29 wherein the second table is

stored in a smart card.

Claim 33 (New): A computer program product comprising a computer usable medium having

computer readable program code embodied therein for decrypting documents, the program code for

causing a processor to

    cause plural documents to be decrypted, the documents having respective names

    record in a first table

        the names of the encrypted documents

        for each of the names of encrypted documents in the table, a key name associated

with a decryption key value for the encrypted document

    detect an open command for a given document issuing from a user of an application

program using a user input device

    in response to the open command use the first table to determine if the given document

should be decrypted

    if the given document should be decrypted, then

        retrieve the key name associated with the name of the given document from the

first table

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retrieve the decryption key value associated with the key name from a second

table, the second table having at least one decryption key value

cause the given document to be decrypted.

Claim 34 (New): The computer program product of claim 33, the program code further for causing

the processor to decrypt the given document with an algorithm selected from the group comprising

DES, RSA, Triple-DES, Blowfish, Triple Blowfish and IDEA.

Claim 35 (New): A general purpose computer system comprising the computer program product of

claim 33.

Claim 36 (New): The computer program product as set forth in claim 33, the program code further

for causing the processor to interface to plural cryptographic systems.

Claim 37 (New): The computer program product of claim 33, the program code further for causing

the processor to obtain decryption key values from a portable data storage device.

Claim 38 (New): The computer program product of claim 33 wherein the second table is stored in a

smart card.

Claim 39 (New): The computer program product of claim 33 wherein the decryption key value is

related to an identity of the user.

Claim 40 (New): A computer program product comprising a computer usable medium having

computer readable program code embodied therein for encrypting documents, the program code for

causing a processor to

cause plural documents to be encrypted, the documents having respective names

record in a first table

the names of the encrypted documents

for each of the names of encrypted documents in the table, a key name associated

with an encryption key value for the encrypted document

detect a close command for a given document issuing from a user of an application

program using a user input device

in response to the close command use the first table to determine if the given document

should be encrypted

if the given document should be encrypted, then

retrieve the key name associated with the name of the given document from the

first table

retrieve the encryption key value associated with the key name from a second

table, the second table having at least one encryption key value and at least one key name

respectively associated with a one of the encryption key values

cause the given document to be encrypted.

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Claim 41 (New): The computer program product of claim 40, the program code further for causing the processor to encrypt the given document with an algorithm selected from the group comprising DES, RSA, Triple-DES, Blowfish, Triple Blowfish and IDEA.

Claim 42 (New): A general purpose computer system comprising the computer program product of claim 40.

Claim 43 (New): The computer program product as set forth in claim 40, the program code further for causing the processor to interface to plural cryptographic systems.

Claim 44 (New): The computer program product of claim 40, the program code further for causing the processor to obtain encryption key values from a portable data storage device.

Claim 45 (New): The computer program product of claim 40 wherein the second table is stored in a smart card.